

G0G05GI **Password** NYAN007 KAI0327 Participant user User 37315 User 08734 User 92492 User 00157 User 92087 User 00158 User 00159 User 00157 **User 56417** User 00157 Group C001 Participant group Group B001 Group A001 C (Company) Group type B (Friends) A (Family)

FIG. 2

<Rule generation menu>

Shopping

Safety

Amusement

Select Next ▶

Shopping rule generation

Wants: Milk

Condition: having 500 yen or more

Processing: Display to group members

Group: Family

Register

Cancel

FIG. 4

E	Milk
С	Money in hand ≥ 500 yen [Another terminal should not be in execution state]
Α	Display "Buy milk." on terminal of group member

Family message

Milk is on sale
near you,dad.
Buy milk.

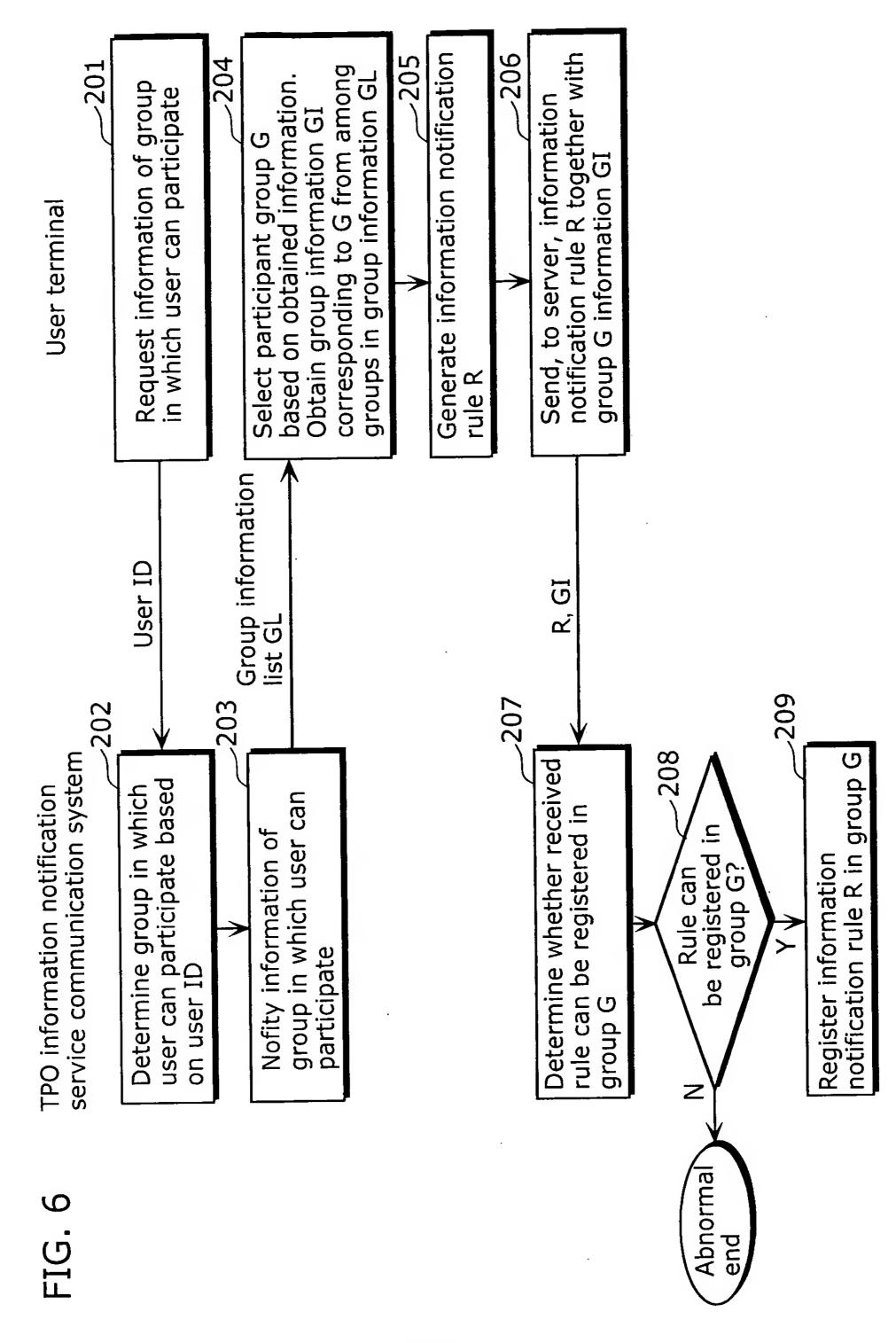
OK

NO

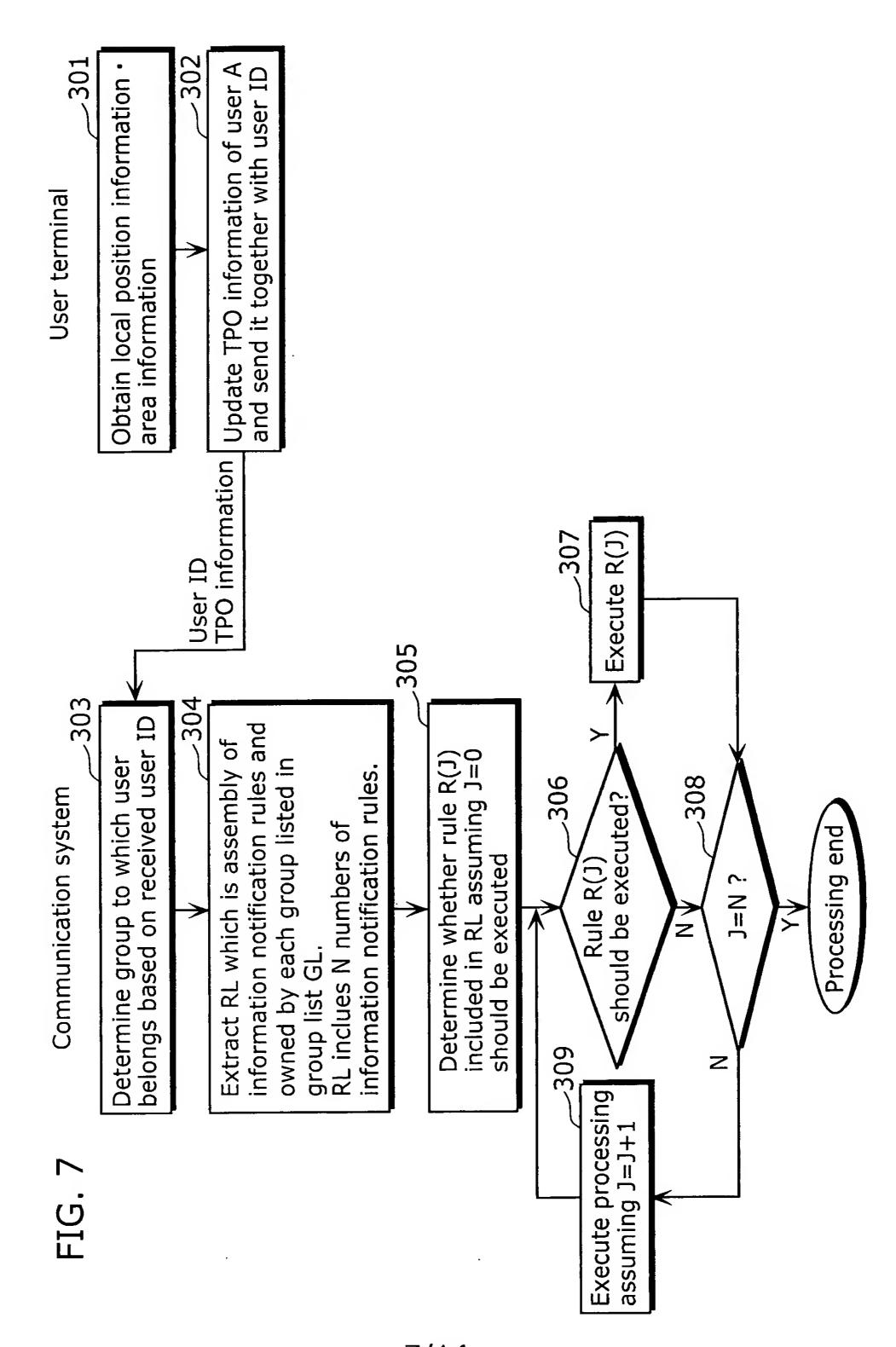
Family message

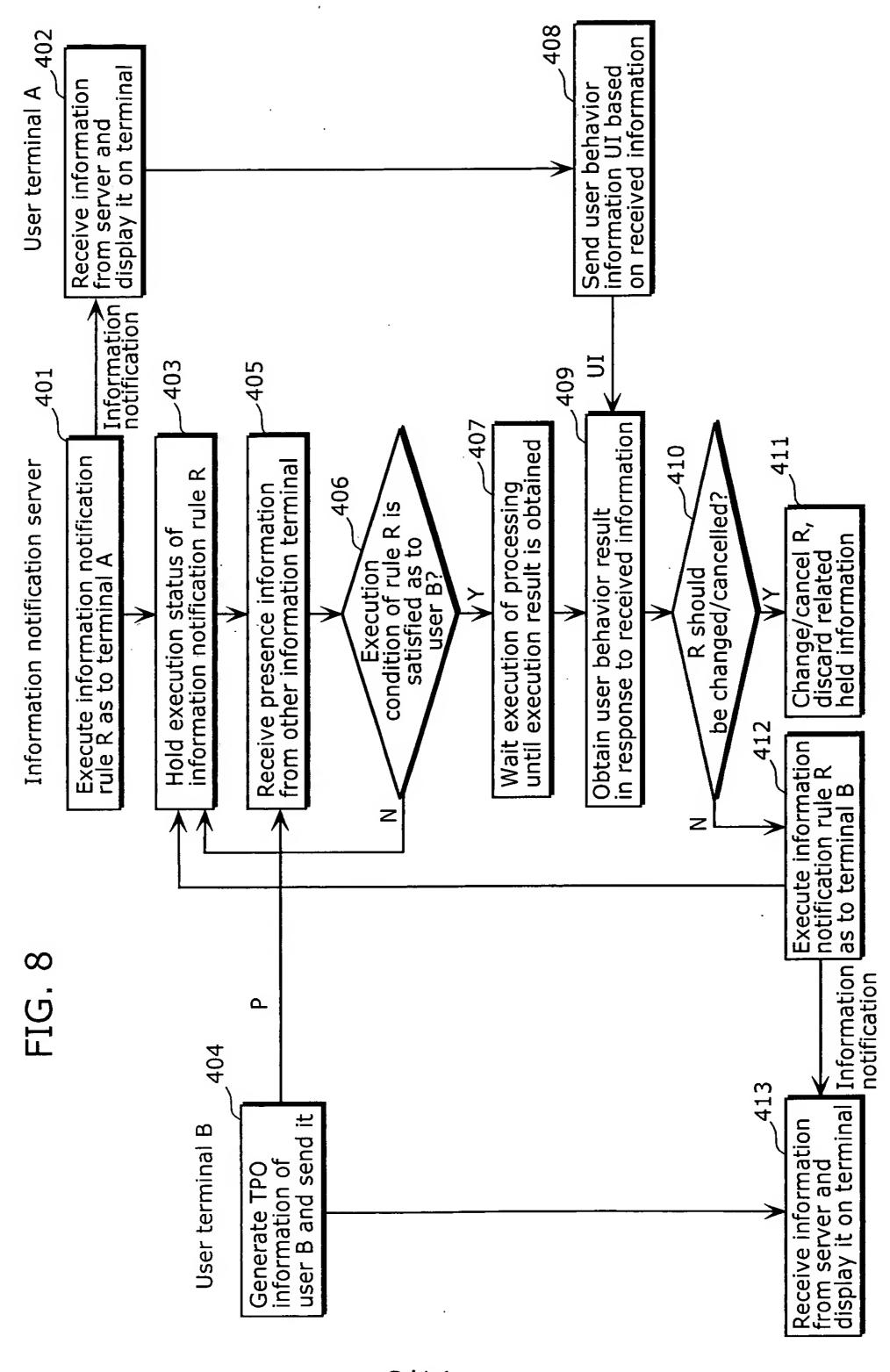
I'll buy
milk.

OK

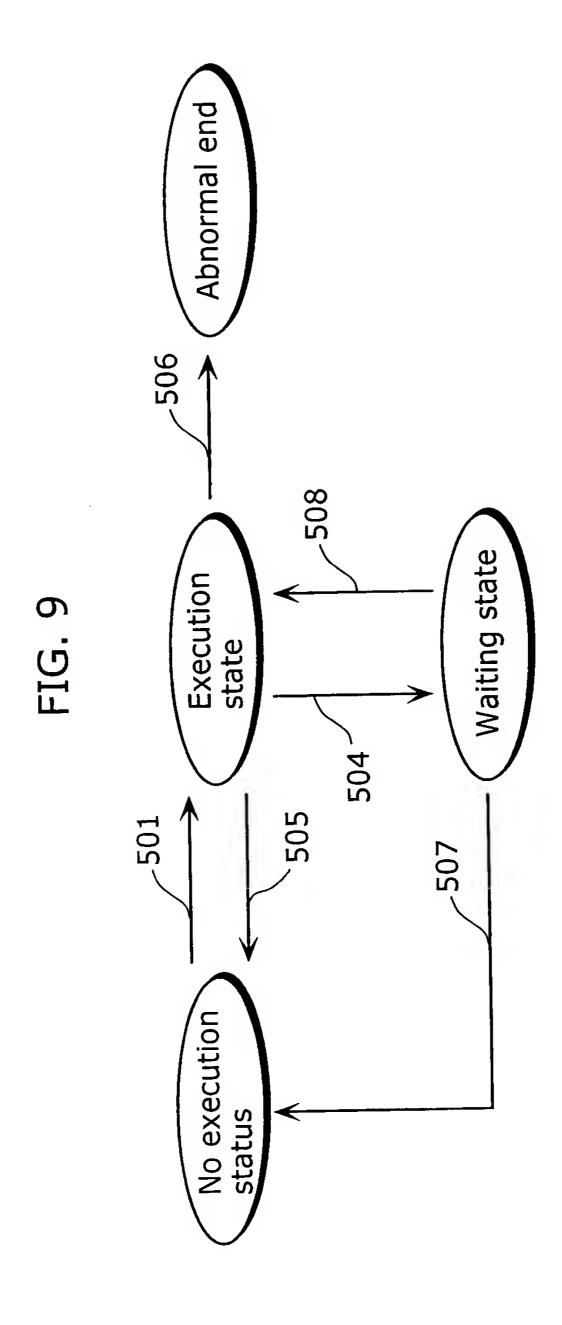


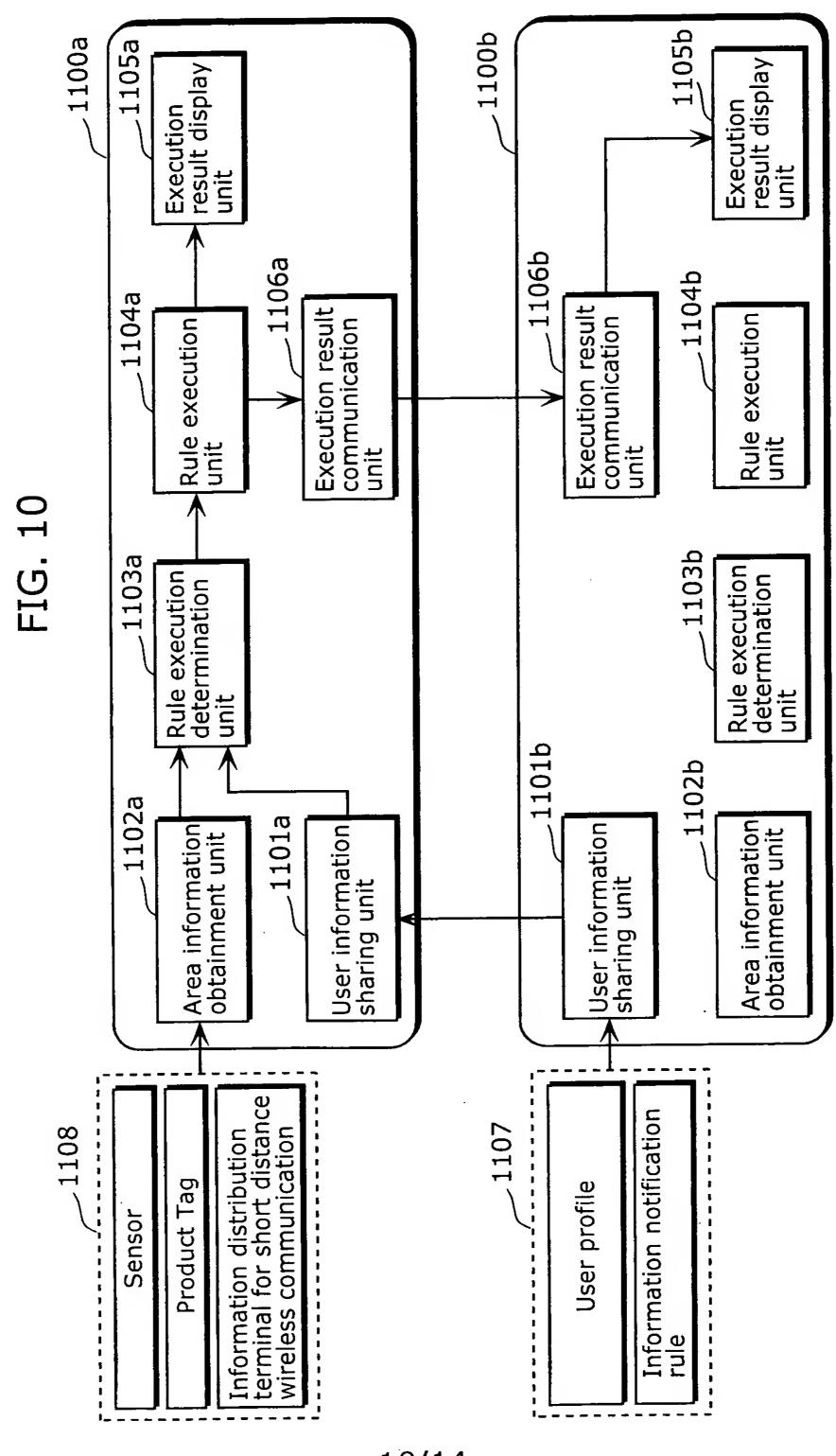
49 3



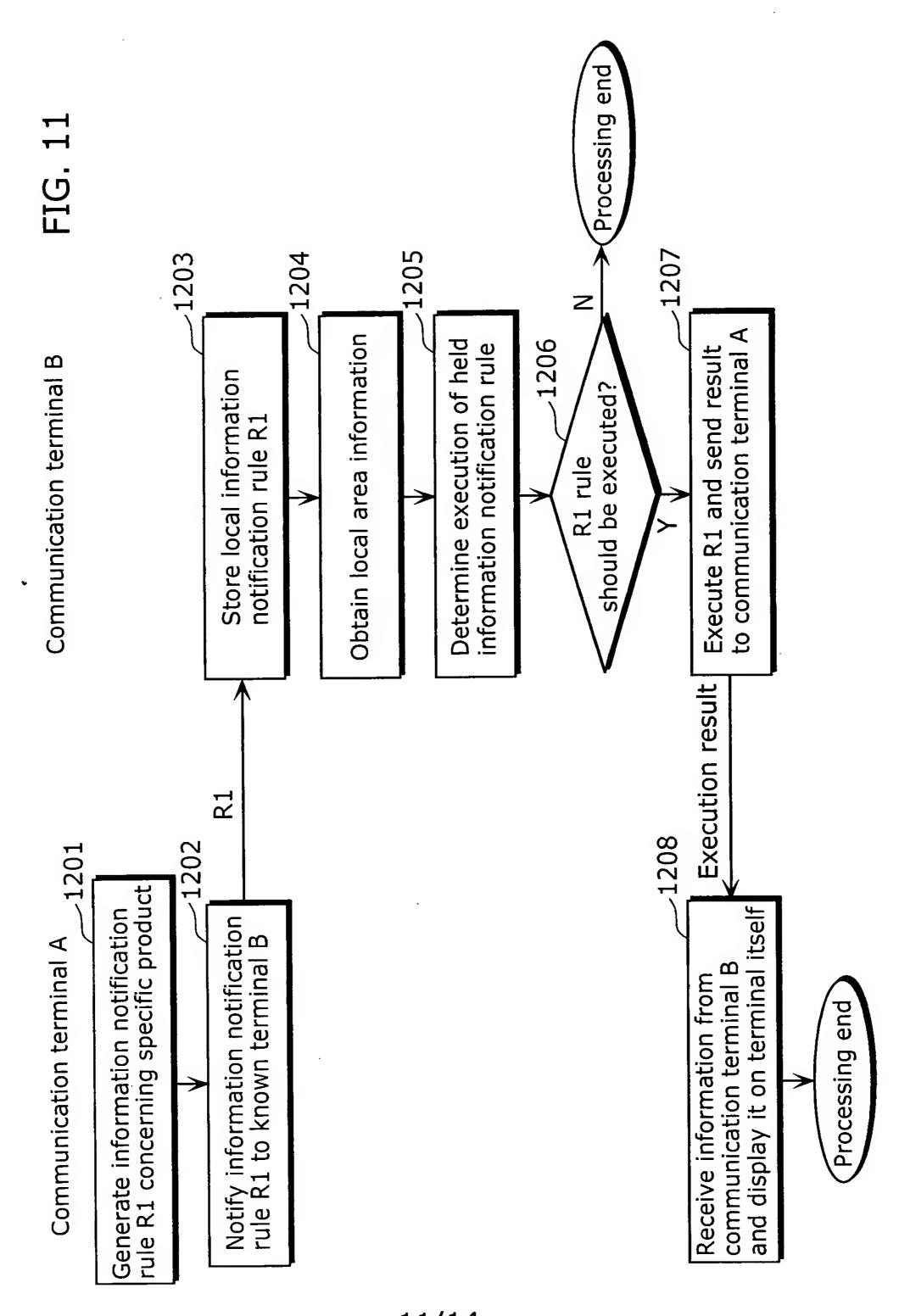


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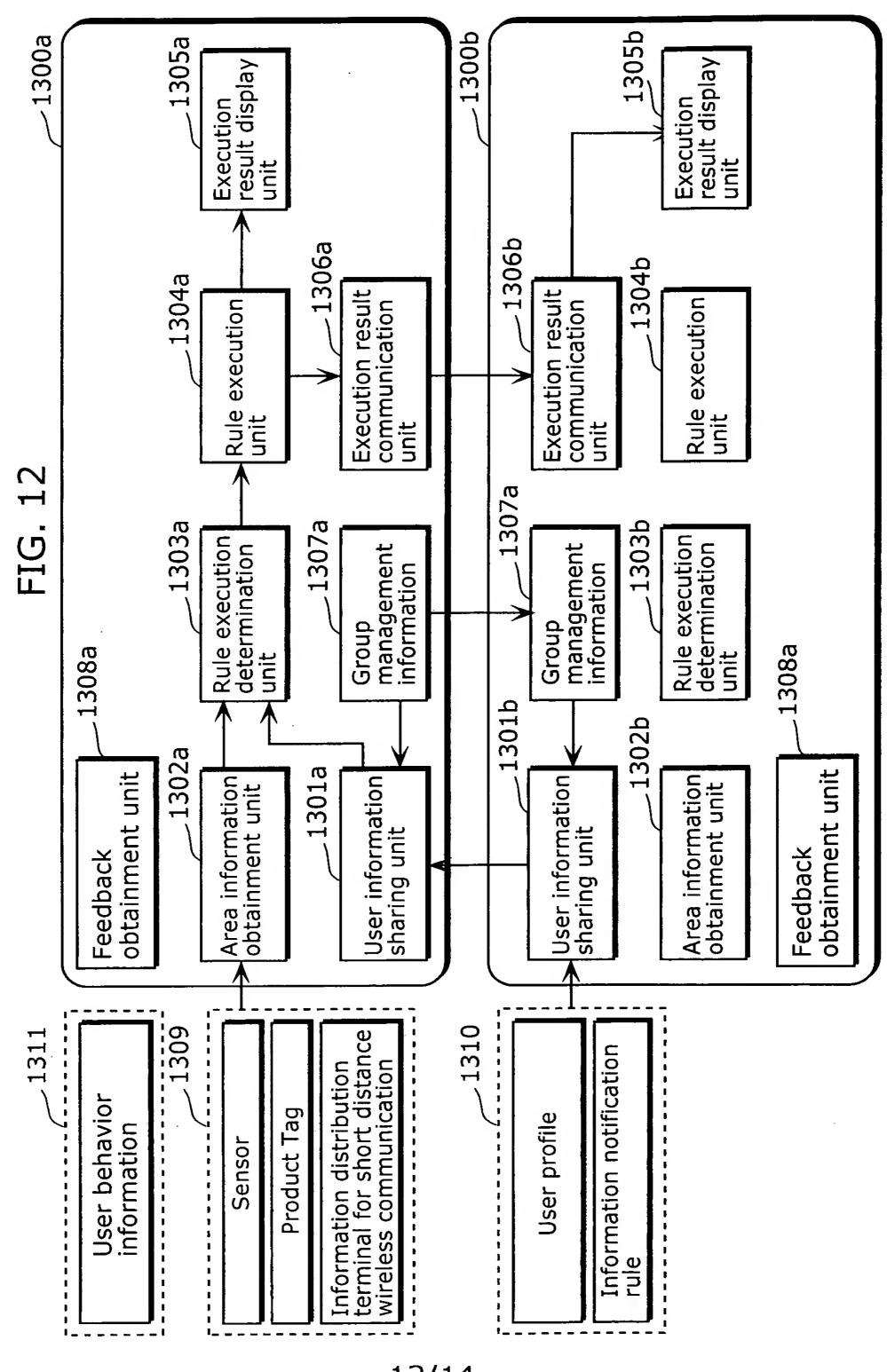


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 $b = \frac{\sigma^*}{a}$

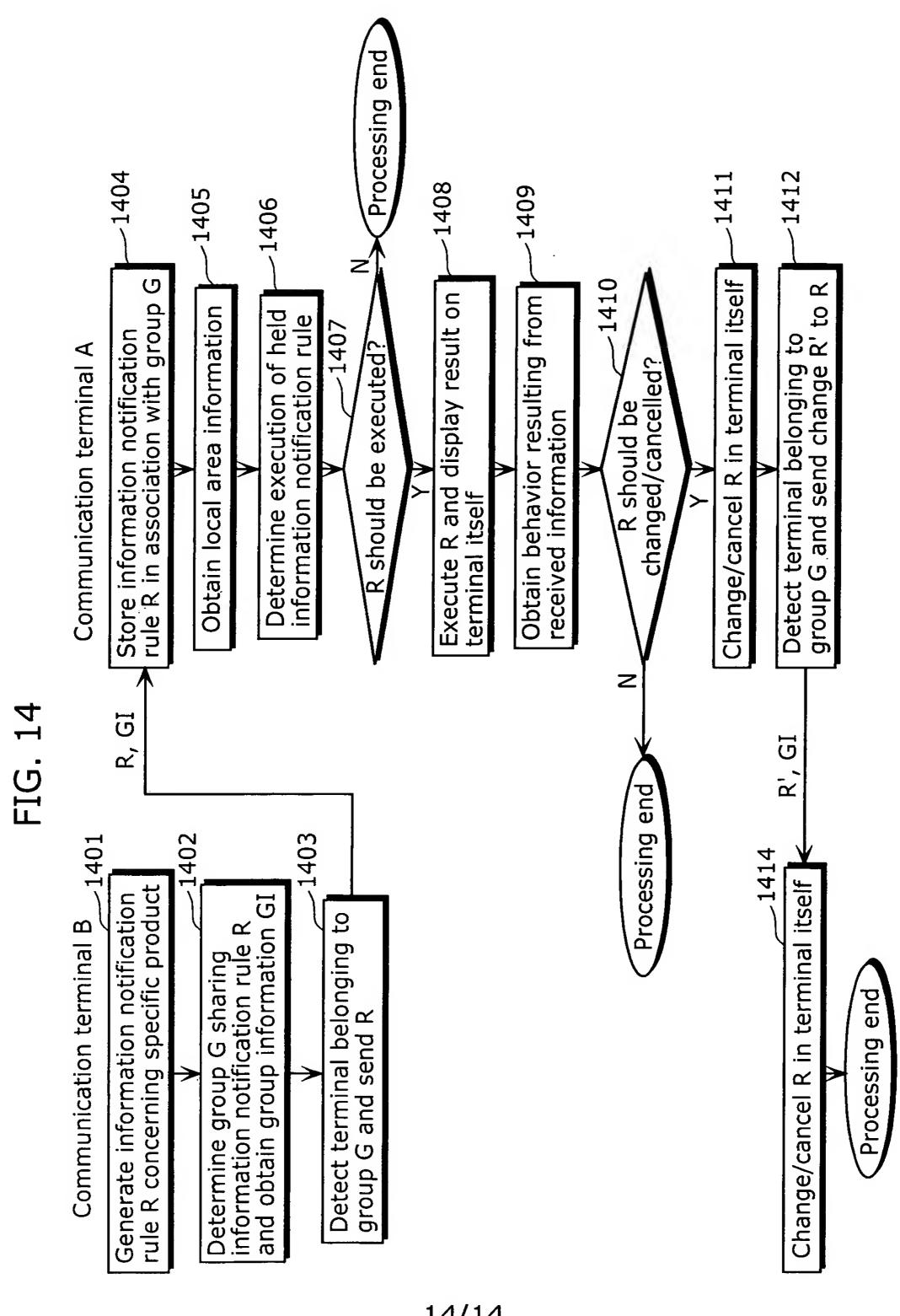
 $q \in \mathcal{P}$



4)

FIG. 13

		1	
Group type	Participant group	Participant user	Password
A (Family)	Group A001	User 00157	NYAN007
		User 00158	
		User 00159	
	Group B001	User 00157	GOGO5GI
В		User 56417	
(Friends)		User 92087	
		User 92492	
	Group C001	User 00157	KAI0327
C (Company)		User 08734	
(Company)		User 37315	



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